

03040201-10
(Great Pee Dee River)

General Description

Watershed 03040201-10 (formerly 03040201-120) is located in Dillon, Marion, and Florence Counties and consists primarily of the ***Great Pee Dee River*** and its tributaries from Black Creek to Jeffries Creek. The watershed occupies 84,339 acres of the Upper and Lower Coastal Plain regions of South Carolina. Land use/land cover in the watershed includes: 41.7% forested wetland, 29.5% forested land, 19.9% agricultural land, 2.9% urban land, 2.9% scrub/shrub land, 1.7% water, 1.1% nonforested wetland, and 0.3% barren land.

This segment of the Great Pee Dee River accepts drainage from its upper reaches together with Brownsville Swamp, Schoolhouse Branch (Alford Branch, Back Swamp), Mill Creek, Tobys Creek (Poccosin Swamp, Gum Swamp, Cud Swamp, Ellerbe Bay, Agnay Swamp), Muddy Gut (Buckley Creek), and Bachelor Creek. The Pee Dee River flows through the Great Pee Dee River Swamp throughout the watershed. There are a total of 122.4 stream miles and 113.8 acres of lake waters in this watershed, all classified FW.

Surface Water Quality

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
PD-337	P/INT	FW	GREAT PEE DEE RIVER AT US 301/76

Great Pee Dee River (PD-337) - Aquatic life uses are fully supported; however, there is a significant decreasing trend in dissolved oxygen concentration. Significant decreasing trends in five-day biological oxygen demand, turbidity, total nitrogen concentration, and fecal coliform bacteria concentration suggest improving conditions for these parameters. Recreational uses are fully supported.

*A fish consumption advisory has been issued by the Department for mercury and includes the **Great Pee Dee River** within this watershed (see advisory p.130).*

NPDES Program

Active NPDES Facilities

<i>RECEIVING STREAM FACILITY NAME PERMITTED FLOW @ PIPE (MGD)</i>	<i>NPDES# TYPE COMMENT</i>
GREAT PEE DEE RIVER CITY OF MARION/S. MAIN ST. WWTP PIPE #: 001 FLOW: 6.0 (10.0 PERMITTED)	SC0046230 MAJOR DOMESTIC
GREAT PEE DEE RIVER DUPONT TEIJIN FILMS/FLORENCE PLANT PIPE #: 001 FLOW: 3.72	SC0002917 MAJOR INDUSTRIAL
GREAT PEE DEE RIVER STONE CONTAINER CORP. PIPE #: 001 FLOW: 17.0	SC0000876 MAJOR INDUSTRIAL

TOBYS CREEK
MARION CERAMICS, INC./PEE DEE MINE
PIPE #: 001 FLOW: M/R

SCG730219
MINOR INDUSTRIAL

Nonpoint Source Management Program

Land Disposal Activities

Landfill Facilities

<i>LANDFILL NAME</i> <i>FACILITY TYPE</i>	<i>PERMIT #</i> <i>STATUS</i>
SMURFIT STONE CONTAINER CORP. INDUSTRIAL	213310-1601 ACTIVE
SMURFIT STONE CONTAINER CORP. INDUSTRIAL	213310-1602 INACTIVE
EI DUPONT INDUSTRIAL	----- INACTIVE
FLORENCE COUNTY C&D LANDFILL C&D	211001-1201 ACTIVE

Land Application Sites

<i>LAND APPLICATION SYSTEM</i> <i>FACILITY NAME</i>	<i>ND#</i> <i>TYPE</i>
SPRAYFIELD TOWN OF SELLERS	ND0065315 DOMESTIC

Mining Activities

<i>MINING COMPANY</i> <i>MINE NAME</i>	<i>PERMIT #</i> <i>MINERAL</i>
MARION CERAMICS INC. PEE DEE CERAMICS MINE	0050-67 CLAY

Growth Potential

There is a low potential for growth in this watershed, which contains the Town of Sellers and the community of Pee Dee. U.S. Hwys. 76 and 301, a four-laned corridor to the Grand Strand, cross the watershed at Pee Dee and run from the City of Florence to the City of Marion and on to Myrtle Beach. The City of Marion has an interconnection with the City of Mullins, which may increase growth along the U.S. Hwy. 76 corridor between Marion and Mullins. There is rural water service available from the Marion County Rural Water Company to approximately 30% of the watershed. The only sewer service is limited to the Town of Sellers, which is not capable of extending service unless the system is improved.